

5/25

DART AEROSPACE LTD	Work Order:	23295
Description: Tube Assembly	Part Number:	D3298-005
Dwg: D3298 Rev. A At A2 PAGE 3 REF 05.05.19	Qty:	10
		Page 1 of 1

Step	Location	Procedure	By	Date	Qty												
1	DC	Issue Traveler	CH	05.05.20	10												
2	GA	Cut tube to length as per Dwg D3298 Material: 6061-T6 (WW-T-700/6) tubing Ø0.375" x 0.035" wall (M6061T6T0.375W.035) Identify as D3298-005 005	ML	05/08/15	10												
3	GA	Bend tube as per template D3298-005T1 & Dwg D3298	ML	05/08/15	10												
4	GA	Flare end as per Dwg D3298. Ensure that sleeves and coupling are installed first Pick: <table border="1"><thead><tr><th>Qty</th><th>Part Number</th><th>Description</th><th>Batch</th></tr></thead><tbody><tr><td>2</td><td>AN818-6D</td><td>Coupling Nut</td><td>M17651</td></tr><tr><td>2</td><td>MS20819-6D</td><td>Sleeve</td><td>M17654</td></tr></tbody></table>	Qty	Part Number	Description	Batch	2	AN818-6D	Coupling Nut	M17651	2	MS20819-6D	Sleeve	M17654	ML	05/08/17	10
Qty	Part Number	Description	Batch														
2	AN818-6D	Coupling Nut	M17651														
2	MS20819-6D	Sleeve	M17654														
5	QC5	Inspect work to Step 4	CD	05.09.08	10												
6	ST	Identify and Stock part & Batch # using a Permanent Fine Point Marker	CD	05/09/09	10												
7	AC	Cost / part <u>26.66</u>	SC	05/09/12	10												
8	DC	Close W/O 30.19 Inspect Level 21	CD	05/09/12	10												

Rev	Date	Change	Revised By	Approved
A	04.09.02	New issue	KJ/JLM	CH

RELEASED
05/09/09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

WORK ORDER NON-CONFORMANCE (NCR)								
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			
05/08/15	2	Scrap 80" of 6060 T6 - .375 w .035 for make template	JD 05/08/15	take out of inventory 80"	ml 05/08/15	JD 05.08.12	AB 05/08/12	AB 05/08/12
05/08/17	4	Scrap 2 D3298-005 when made flare The Bend was to close of the tool	JD 05/08/17	Modified flaring tool No replaces parts	ml 05/08/17	JD 05.08.12	AB 05/08/12	AB 05/08/12
05-08-31	4	All 8 tubes are scrap. no distance dimension given on Dwg, and the 2 last bends are too close to the end of tube.	JD 05/08/17	Scrap and replace. New dimension given on Dwg. replace old tem- plate with New one AS per Dwg. 3298-005 because old template is crooked, form AS per template. keep + same Sleeve + coupling.	RECD 05.08.31 QTY 10 ML 05.08.31	JD 05/08/12	JD 05-08-31	J 05-08-31

THE MEASURES WAS CHANGED
AFTER I'VE MADE THEM

Part No: D3298-005 PAR #: Fault Category: DOD / FAS. AS NED 85m11

NCR: Yes No

DQA:

Date: 05/09/12

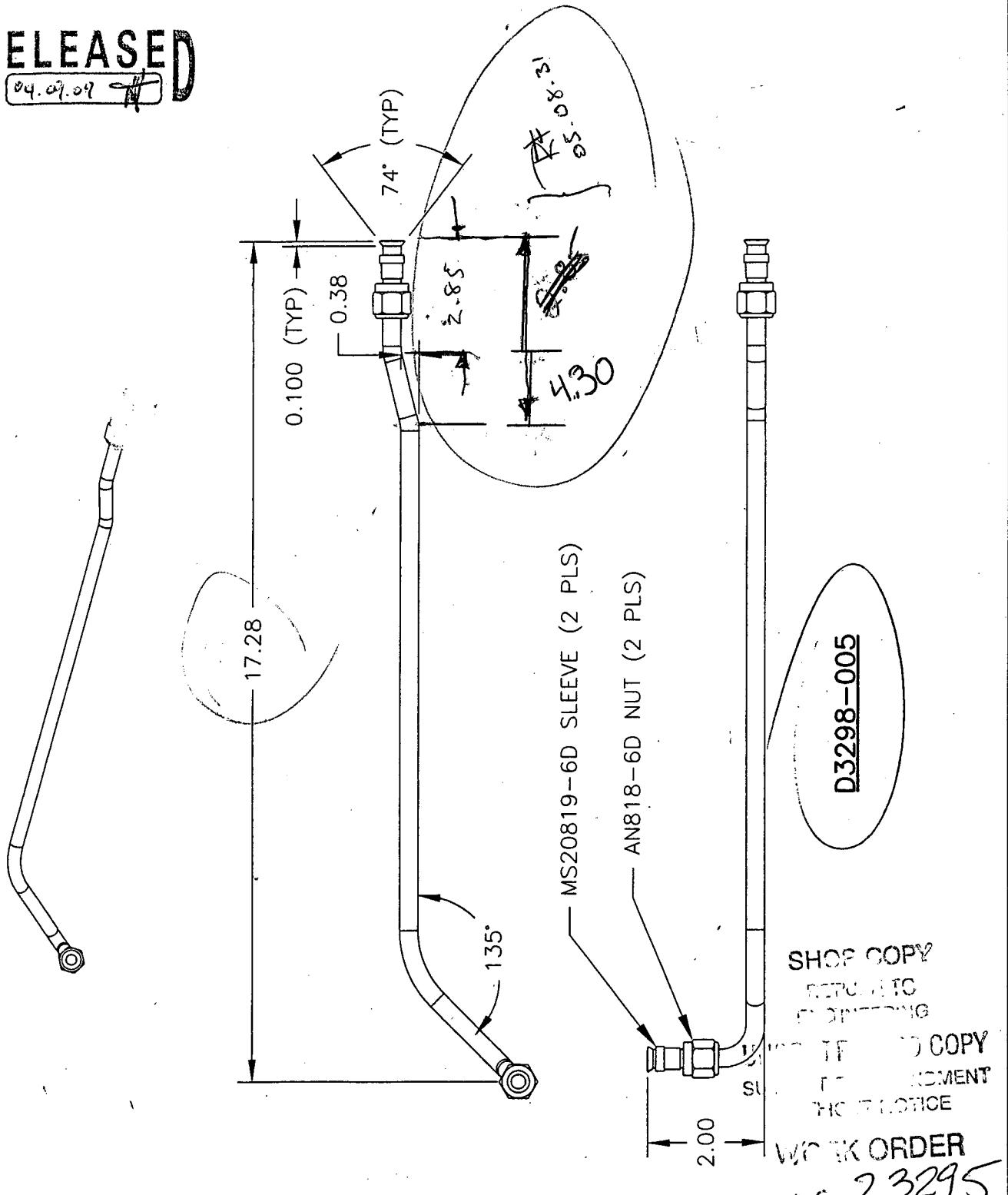
QA: N/C Closed:

Date: 05.09.12

NOTE: Date & initial all entries

DART

DESIGN <i>T</i>	DRAWN BY <i>R</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>H</i>	APPROVED <i>H</i>	DRAWING NO. D3298	REV. A SHEET 3 OF 7
DATE 04.07.06		TITLE TUBE ASSEMBLIES	SCALE NTS

RELEASED
04.09.09

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Job Costing Report

Dart Aerospace Ltd.
Hawkesbury

May 12, 2005
04:28 pm

Work Order No : 0023295
 Project Name : D3298-005
 Project For : WK525
 Work Order Type : Main
 Main WO Number :
 House Part Number : D3298-005
 Description : Tube Assembly 23"
 Manufactured : Yes
 Amount Req'd : 10
 Amount Done : 0
 Start Date : 05-12-05
 Est Finish Date : 06-23-05
 Act Finish Date :
 Drawings Reqd : No
 Ok for Approval :
 Approval Rec'd :

Department Code:
 Burden Flags : NNNNNNN
 WO Status : Open
 Invoice State : Not Invoiced
 Invoice Date :
 Invoice Number :
 Invoice Amount : 0.00
 Order Entry No :
 OE Value : 0.00
 Est Mark Up : 0.000%
 Actual Mark Up : 0.000%
 \$0 Posted to Finished Goods

	Estimated	Actual	Var. %	Posted	To Post
Material Cost	0.00	0.00	0.00	0.00	0.00
Engineering Hours	0.00	0.00	0.00		
Engineering Cost	0.00	0.00	0.00	0.00	0.00
Production Hours	0.00	0.00	0.00		
Production Cost	0.00	0.00	0.00	0.00	0.00
Packaging Hours	0.00	0.00	0.00		
Packaging Cost	0.00	0.00	0.00	0.00	0.00
OverHead Hours	0.00	0.00	0.00		
OverHead Cost	0.00	0.00	0.00	0.00	0.00
CNC Hours	0.00	0.00	0.00		
CNC	0.00	0.00	0.00	0.00	0.00
Misc. Hours	0.00	0.00	0.00		
Misc.	0.00	0.00	0.00	0.00	0.00
Burden	0.00	0.00	0.00		
Total Cost	0.00	0.00	0.00		
Mark up	0.000	0.000			
Selling Cost	0.00	0.00			

	Estimated	Actual
Labour Hrs/Amount Done	0.00	0.00
Profits/(Loss)	0.00	0.00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			
05-09-08	4	Parts are a $\frac{1}{4}$ " too long & also the new template on the total length.	PP 05-09-08	Parts are acceptable as per attached sheet.		2 05-09-08	PP 05-09-08	2 05-09-08

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: DP

Date: 05/09/12

NOTE: Date & initial all entries

QA: N/C Closed: _____

Date: 7

Roberto Fuentes

From: "Jason Loader" <jloader@eaglecopters.com>
To: "Roberto Fuentes" <robertof@dartaero.com>
Sent: Wednesday, September 07, 2005 3:03 PM
Subject: RE: D3298-005 tube

Hello Roberto,

There is enough flexibility in the existing lines under the engine deck that plus or minus 1/4" on this line will not cause a problem. There is always slight variations with the existing lines so slight changes to the bends of lines to improve fit is typical.

Jason

-----Original Message-----

From: Roberto Fuentes [mailto:robertof@dartaero.com]
Sent: Wednesday, September 07, 2005 11:58 AM
To: Jason Loader
Subject: Re: D3298-005 tube

Sorry Jason it is use D412-706-011 configuration A & B fuel purge Bell 212/412 (s/n 33001-333107 only)
Thanks

----- Original Message -----

From: Jason Loader
To: 'Roberto Fuentes'
Sent: Wednesday, September 07, 2005 1:36 PM
Subject: RE: D3298-005 tube

Hello Roberto,

What kit is this tube for? Where does it go?

Let me know and I will take a look.

Jason

-----Original Message-----

From: Roberto Fuentes [mailto:robertof@dartaero.com]
Sent: Wednesday, September 07, 2005 9:20 AM
To: Jason Loader
Subject: D3298-005 tube

Hi Jason,

Please can you respond this e-mail today, see the attach sheet.

Thanks,
Jason